

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
PRIMARY RECORD

Primary # _____
HRI # _____
Trinomial _____
NRHP Status Code _____

Other Listings _____
Review Code _____ Reviewer _____ Date _____

Page 1 of 3 Resource name(s) or number (assigned by recorder) N-249/N-249A

P1. Other Identifier: Outdoor Aerodynamic Research Facility

***P2. Location:** ☒ Not for Publication ☐ Unrestricted

***a. County** Santa Clara

***b. USGS 7.5' Quad** San Francisco North, Calif. **Date:** 1995

***c. Address:**

City Moffett Field

Zip 94035

***e. Other Locational Data:** Southeast corner of Victory Road & DeFrance Avenue

***P3a. Description:** (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries.)

Building N-249 and N-249A are located on at the southeast corner of Victory Road and DeFrance Avenue. Buildings N-249 and N-249A are interconnected and consist of a one-story concrete frame building designed in a utilitarian style. The building primarily stands below grade with approximately three feet of its elevations visible above ground. The rectangular-plan building, clad in smooth concrete and corrugated galvanized metal, is capped by a flat roof. The building abuts the southern edge of the concrete platform of a large steel crane. The N-249 complex is enclosed by a chain-link metal fence topped by barbed wire and includes several storage container tanks and ancillary buildings.

The primary façade of N-249 faces north. The entry is located below grade at the west side of the primary façade and is surmounted by a cantilevered concrete hood with a centered light. This primary entrance is accessed via concrete stairs and a switch-back concrete ramp flanked by metal railings, which leads below grade. A secondary entrance with a metal door is located at the location of the ramp's switch-back. A third entrance, located on the building's west elevation in a well with concrete retaining walls, is accessed via a metal ladder. A steel door on tracks stands at grade-level south of the primary entrance. Four single-light, fixed windows are located in the south elevation. The primary façade terminates in an unadorned roofline. The roof is covered by concrete as well as asphalt sheet. The building appears to be in good condition.

***P3b. Resource Attributes:** (list attributes and codes) HP39. Other: Scientific Facility

***P4. Resources Present:** ☐ Building ☒ Structure ☐ Object ☐ Site ☐ District ☐ Element of District ☐ Other

P5a. Photo



P5b. Photo: (view and date)
View of the N-249, looking northeast.
(01/22/2008)

***P6. Date Constructed/Age and Sources:** 1976 (Ames EDC Estimate)

***P7. Owner and Address:**
United States of America as represented by National Aeronautics and Space Administration (NASA)

***P8. Recorded by:**
Page & Turnbull, Inc.
724 Pine Street
San Francisco, CA 94108

***P9. Date Recorded:** 03/11/08

***P10. Survey Type:**
Reconnaissance

***P11. Report Citation:** None

***Attachments:** ☐ None ☐ Location Map ☐ Sketch Map ☒ Continuation Sheet ☒ Building, Structure, and Object Record
☐ Archaeological Record ☐ District Record ☐ Linear Feature Record ☐ Milling Station Record ☐ Rock Art Record
☐ Artifact Record ☐ Photograph Record ☐ Other (list)

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
CONTINUATION SHEET

Primary # _____
HRI # _____
Trinomial _____

Page 2 of 3
*Recorded by Page & Turnbull

Resource Name or # (Assigned by recorder) N-249 and N-249A
*Date 3/11/08 ☒ Continuation ☐ Update



View of west façade of N-249A



View of steel crane. N-249 and N-249A in foreground.

BUILDING, STRUCTURE, AND OBJECT RECORD

Page 3 of 3

*NRHP Status Code 6Z

*Resource Name or # N-249A

- B1. Historic name: Static Test Facility
B2. Common name: Outdoor Aerodynamic Research Facility
B3. Original Use: Scientific B4. Present use: Scientific

*B5. Architectural Style: Utilitarian

*B6. Construction History: (Construction date, alterations, and date of alterations)

Originally constructed in 1976 – Estimate based on architectural drawings at Ames Engineering Documentation Center; 1979 (Construction of foundation for Viper Test Stand); 1980-81 (Interior alterations); 1985 – Static Test Area Gantry Crane & Infrastructure Upgrades; 1998 – Storm Damage Repairs;

*B7. Moved? ☒ No ☐ Yes ☐ Unknown Date: _____ Original Location: _____

*B8. Related Features: None

B9a. Architect:

b. Builder:

*B10. Significance: Theme n/a

Area NASA Ames Research Center

Period of Significance n/a Property Type Utilitarian

Applicable Criteria n/a

(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity)

Buildings N-249 and N-249A were constructed as part of the Static Test Facility (N-249) and Outdoor Aerodynamic Research Facility (N-249A). The two buildings appear to be interconnected and share common uses. This facility functioned as a testing facility for studying static aerodynamic loads on vehicles or models. Research at the NASA Ames Research Center Main Library did not yield any relevant historical information on the building; however, the crane and steel structure do appear to be of some historical interest as an aerodynamic testing facility. However, this facility is part of the larger aerodynamic facility at Ames and does not appear to have individual historical significance.

Buildings N-249 and N-249A were constructed in 1976 and do not meet the fifty-year old threshold for National Register of Historic Places properties. Furthermore, the building does not qualify under National Register Criteria Consideration G: Properties That Have Achieved Significance Within The Past Fifty Years, since it is of contemporary construction and does not possess exceptional significance under any of the National Register criteria.

11. Additional Resource Attributes: (List attributes and codes)

*B12. References:

- Ames Research Center, Engineering Documentation Center

B13. Remarks:

*B14. Evaluator: Rich Sucre
Page & Turnbull, Inc.
724 Pine Street
San Francisco, CA 94108

*Date of Evaluation: 03/21/2008

(This space reserved for official comments.)

Sketch Map

